

C1
Amended

i) a stator having multiple conductors that create a plurality of magnetic fields when electrical current is conducted by the conductors; and

ii) a body of a phase change material substantially encapsulating the stator so as to rigidly fix the stator and body together;

b) a rotatable hub having a magnet connected thereto in operable proximity to the stator;

c) a shaft;

d) a bearing around the shaft; and

e) one of the shaft or bearing being fixed to the stator assembly and the other of the shaft or bearing being fixed to the rotatable hub.

C2

57. (Amended) A high speed spindle motor comprising:

a) a stator substantially encapsulated in a thermoplastic body so as to rigidly fix the stator and body together, the thermoplastic body having a cylindrical hole therein;

b) a bearing press fit into the cylindrical hole;

c) a shaft rotatably supported by the bearing; and

d) a hub having a magnet connected thereto, the hub being fixed to the shaft.

58. (Amended) A motor comprising:

a) a stator assembly comprising:

i) a stator having at least one conductor and a plurality of magnetic fields when electrical current is conducted by the at least one conductor; and

ii) a body of a phase change material substantially encapsulating the stator so as to rigidly fix the stator and body together, the phase change material including ceramic particles;

b) a magnet in operable proximity to the stator;

c) a shaft having a rotational axis;

d) a bearing allowing rotation about the rotational axis of the shaft;

and

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cancel*

- e) one of the shaft or bearing being fixed to the stator assembly.

59. (Amended) A motor comprising:

- a) a stator assembly comprising:
 - i) a stator having at least one conductor and a plurality of magnetic fields when electrical current is conducted by the at least one conductor; and
 - ii) a body of a phase change material substantially encapsulating the stator so as to rigidly fix the stator and body together, the phase change material having a coefficient of linear thermal expansion of less than 2×10^{-5} in/in/ $^{\circ}$ F throughout the range of 0-250 $^{\circ}$ F;
- b) a magnet in operable proximity to the stator;
- c) a shaft having a rotational axis;
- d) a bearing allowing rotation about the rotational axis of the shaft;

and

- e) one of the shaft or bearing being fixed to the stator assembly.

60. (Amended) A motor comprising:

- a) a stator assembly comprising:
 - i) a stator having at least one conductor and a plurality of magnetic fields when electrical current is conducted by the at least one conductor; and
 - ii) a body of a phase change material substantially encapsulating the stator so as to rigidly fix the stator and body together, the phase change material having a thermal conductivity of at least 0.7 watts/meter $^{\circ}$ K at 23 $^{\circ}$ C;
- b) a magnet in operable proximity to the stator;
- c) a shaft having a rotational axis;
- d) a bearing allowing rotation about the rotational axis of the shaft;

and

- e) one of the shaft or bearing being fixed to the stator assembly.